

2 slots are provided for each phase of said stator coils and each magnetic pole and the total number of the slots is 72 or more, and

said stator core is formed as a lamination of a plurality of sheet-shaped magnetic members with a plurality of teeth defining said slots at one side of a yoke, said stator core being a single piece having a first end surface and a second end surface, said stator coils being disposed in said slots, and said stator core then being formed into an annular shape such that said stator coils become disposed at an inner side at said inner circumference thereof, and said end surfaces of said stator core are fixed together to complete said annular shape.